Index to Volume 42

Prepared by: Laurel Preece

A

AAHSLD (Association of Academic Health Science Library Directors), 58, 77

AALL. *See* American Association of Law Libraries

AAMC. *See* Association of American Medical Colleges

AARP (American Association of Retired Persons), 160

AARP Bulletin, 175

Abbott, A. D., 93, 103

Abbott, Abiel, 468

Abbott, Andrew, 93, 103, 225-226, 231

Abell, Millicent, 27, 43

ABLEDATA, 159

Abstract Syntax Notation 1 (ASN.1), 134

Academic health sciences libraries: assumptions about, 197-198; competitive advantage and productivity in, 201-202; and consumer health information, 167; document delivery in, 203-204; library instruction programs in, 204-205; and integration into the parent organization, 208-210; management perceptions of, 198-200; reference services in, 206; and tools for scientific communication, 206-208

Academic Information in the Academic Health Sciences Center: Roles for the Library in Information Management, 29, 43

Academic libraries: and approval plans, 371, 514-523, 654; budgets for, 491-492, 497-498; and building and maintenance costs, 565-568; and cooperative collection development and resource sharing, 495-496; and the costs of automation, 524-536; and cost centers and overhead, 572-573; and cost recovery, 571-572; effect of electronic technology on, 494, 662; and electronics costs, 570-571; and fee-based services, 481; and financial management, 370, 404-419; and growth costs, 568-570; materials expenditures in, 499-513; and the parent institution, 408-410, 493-494; and scholarly information, 494-495; traditional funding strategies of, 462-463; trends affecting, 492-493; and user-related costs, 573-574; and value maintenance, 574-576

Academy of Health Information Professionals, 30

Accountability: and personnel costs in libraries, 539

Accreditation of graduate library school programs, 26, 288, 290, 308, 310, 329

Acquired immune deficiency syndrome (AIDS) information. *See* AIDS information

ACRL University Library Statistics, 500

Adams, S., 610, 623

Addington, W. W., 99, 106

ADONIS, 122

Index to Volume 42

Prepared by: Laurel Preece

A

AAHSLD (Association of Academic Health Science Library Directors), 58, 77

AALL. *See* American Association of Law Libraries

AAMC. *See* Association of American Medical Colleges

AARP (American Association of Retired Persons), 160

AARP Bulletin, 175

Abbott, A. D., 93, 103

Abbott, Abiel, 468

Abbott, Andrew, 93, 103, 225-226, 231

Abell, Millicent, 27, 43

ABLEDATA, 159

Abstract Syntax Notation 1 (ASN.1), 134

Academic health sciences libraries: assumptions about, 197-198; competitive advantage and productivity in, 201-202; and consumer health information, 167; document delivery in, 203-204; library instruction programs in, 204-205; and integration into the parent organization, 208-210; management perceptions of, 198-200; reference services in, 206; and tools for scientific communication, 206-208

Academic Information in the Academic Health Sciences Center: Roles for the Library in Information Management, 29, 43

Academic libraries: and approval plans, 371, 514-523, 654; budgets for, 491-492, 497-498; and building and maintenance costs, 565-568; and cooperative collection development and resource sharing, 495-496; and the costs of automation, 524-536; and cost centers and overhead, 572-573; and cost recovery, 571-572; effect of electronic technology on, 494, 662; and electronics costs, 570-571; and fee-based services, 481; and financial management, 370, 404-419; and growth costs, 568-570; materials expenditures in, 499-513; and the parent institution, 408-410, 493-494; and scholarly information, 494-495; traditional funding strategies of, 462-463; trends affecting, 492-493; and user-related costs, 573-574; and value maintenance, 574-576

Academy of Health Information Professionals, 30

Accountability: and personnel costs in libraries, 539

Accreditation of graduate library school programs, 26, 288, 290, 308, 310, 329

Acquired immune deficiency syndrome (AIDS) information. *See* AIDS information

ACRL University Library Statistics, 500

Adams, S., 610, 623

Addington, W. W., 99, 106

ADONIS, 122

Advanced Research Projects Agency (ARPA): and ARPANET, 118
Advocate, The, 185
Aerospace engineering network use study: aim of, 694-695; methodology, 699-700; results, 700-713; study questionnaire, 716-726
Aerospace industry, characteristics of, 697
Aerospace Knowledge Diffusion Project, 698
AFB News, 175
AGARD (Advisory Group for Aerospace Research and Development), computer conferencing systems use by, 698
Agency for Health Care Policy and Research (AHCPR), 159, 359-360
Agenda for Change, 70
Aguilar, W., 493, 498
AHA. *See* American Hospital Association
AHECs (Area Health Education Centers), 49, 168
AI/COAG, 98
AIDD, 189-190
AIDS Bibliographies, 185
AIDS Clinical Research Center (UCLA), 189
AIDS Clinical Trial Information Service, 192
AIDS Compact Library, 189
AIDS Foundation (San Francisco, Calif.): and AIDS information, 183
AIDS and HIV Disease: Psychosocial Interventions for Health Care Workers, 190
AIDS Info BBS, 190
AIDS information, 3: evaluation of, 186-187; and integrated information systems, 191-193; new methods of dissemination of, 189-191; and participants in the information process, 181-183; problems with dissemination, 171; and specialized information services, 183-185; terminology of, 187-189; types of sources, 185-186
AIDS Information Network (Philadelphia, Pa.), 188, 192, 193
AIDS Knowledge Base, 190
AIDS Library of Philadelphia, 192
AIDS Medical Update, 189
AIDS Teleforum, 190
AIDS Vignettes for Dental Professionals, 190
AIDS—Vignettes for Nurses, 190
AIDS: Vignettes for Physicians, 190
AIDSDRUGS, 191
AIDSLINE, 186, 191
AIDSTRIALS, 191
AI/RHEUM, 18, 19, 98
ALA. *See* American Library Association
Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA): and consumer health information, 156
ALERT, 176
Alexandria Library, 5-6
Alley, B., 515, 523
Alternative Sources of Revenue in Academic Libraries, 471
American Association for the Advancement of Science: and *The Online Journal of Current Clinical Trials*, 13, 122
American Association of Law Libraries (AALL): *AALL Guidelines for Graduate Programs in Law Librarianship*, 326-330, 338-340; history of, 320-322; Special AALL Educational Policy Committee, 326
American Association of Retired Persons (AARP), 160
American Bar Association: and law librarianship, 329
American College of Obstetricians and Gynecologists: and IAIMS, 115
American Hospital Association (AHA): and data on hospital libraries, 64; and *Library and Information Services*, 74; and trends affecting U.S. hospitals, 66
American Hospital Association Resource Center: and health sciences libraries, 64, 71, 72, 79
American Institute for Preventive Medicine: and wellness programs, 155
American Institute of Stress: and wellness programs, 155

American Library Association (ALA): and consumer health information, 161; and fund-raising in libraries, 471; and library financial management, 415-416; and standards for master's programs, 26, 270, 308, 310; Special Committee on Library School Closings, 314
American Medical Informatics Association (AMIA), 354
American Research on the Treasury of the French Language (ARTFL), 677, 679
Americans with Disabilities Act (ADA): and facilities planning, 550, 551
Anderson, Barbara L., 370, 395
Anderson, R. K., 30, 43, 210, 218
Anderson, Sherman, 370
Andrew File System, 620
Anglo-American Cataloguing Rules, Chapter 9: and electronic texts, 689
Applied Physics Laboratory (APL) Library, Johns Hopkins University: document delivery service at, 204
Approval services: 371, 514-523, 654
Archie, 621, 631, 643, 657
Architects: and the facilities planning process, 556-560
Archive of Old Scots Texts, 684
Area Health Education Centers (AHECs), 49, 168
ARIEL, 121-122
Aristotelian Ethics, 682
ARL Serials Prices Project, 511
ARL Statistics, 500, 503
Armstrong, C. J., 628, 636
ARPANET, 118
ARTFL (American Research on the Treasury of the French Language), 677, 679
ASCII files: and electronic texts in the humanities, 678, 690
ASN.1 (Abstract Syntax Notation 1), 134
Association of Academic Health Science Library Directors (AAHSLD), 58, 77
Association of American Law Schools: and law librarianship, 329
Association of American Medical Colleges (AAMC): and health sciences education, 10, 47-48; and medical informatics, 354, 355
Association of College and Research Libraries (ACRL): and academic library materials expenditures, 499-513
Association for Computational Linguistics: and TEI, 686
Association for Computers and the Humanities: and TEI, 686
Association for Literary and Linguistic Computing: and TEI, 686
Association of Research Libraries (ARL): and academic library materials expenditures, 499-513; and competencies of librarians, 29; and the cost of interlibrary loan, 543; and fund-raising in libraries, 471; and the NREN, 119
Astor, Jacob, 468
Atkins, T. V., 29, 43
Austen, Jane: and electronic concordances, 682, 684
Automation. *See* Library automation

B

Babson College: and integration of information technology, 373-375, 390-391
BACS, 11
Badgett, T., 590
Bailey, C. W., Jr., 628, 636
Bailey, G. D., 610, 623
Bandy, M., 166, 178
Bar-Ilan University: and electronic texts in the humanities, 677
Barbour, G. L., 99, 103
Barney, J. B., 463, 464, 466
Barron, Billy, 646
Basic Library Management, 70
Basics of Searching MEDLINE, The, 94
Bates, Joshua, 468
Battin, Patricia, 27, 43
Bayers, A. F., III, 589, 590
Bazillion, R. J., 530, 534
Beardsley, Arthur, 322-323, 341
Bearman, Toni Carbo, 27, 43
Beck, D. M., 615, 624
Becker, K. A., 628, 636

Benchmarking: and health care administration, 76
Benson, D. A., 88, 107
Bentley, S., 543, 546
Bentley College, Computer Center: and new technology vendors, 307
Bergman, D. A., 88, 97, 103
Beta code, 685
Beuschel, W., 698, 727
Bibliographic instruction programs in libraries: competitive strategies for, 204-205; and library budgets, 479; in medical education, 351
Bickley, T., 628, 636
Big Sky Telegraph, 668-669
Biomedical communication, model of, 110-111
BioSYNTHESIS, 207, 210
Bishop, Ann P., 588, 694
Bishop, C. W., 138, 146
Bishop, David, 528
BITNET, 638
Black, J. B., 698, 727
Blacksburg Electronic Village: and rural information access, 668
Blackwell: and online approval systems, 654
Blanket order plans, 514, 516
Bolez, D., 530, 533, 534
Bolton, W., 679, 692
Booth, R. E., 543, 546
Boston AIDS Consortium: and AIDS information, 192
Boucher, Rick, 668
Bradley, J., 71, 80
Braun, E., 590
Brent, D., 617, 624
British Aerospace, computing applications at, 697
Broadband networks: and rural information access, 667
Broadcast media: and rural information access, 666-667
Broadcast models: and regulation of the Internet, 617
Brodman, E., 25, 43, 207
Broering, Naomi, 207, 208
Brown, Don, 370, 404
BRS AFTERDARK, 9
BRS Colleague, 9, 94
BRS-Search: and electronic texts in the humanities, 679
Bruner, J., 610, 624
Buber, M., 612, 624
Buchanan, Holly, 2
Buffalo and Erie County Public Library: and consumer health information, 172
Building and maintenance costs in libraries, 565-568
Bulletin boards. *See* Electronic bulletin boards
Burlingame, Dwight F., 370, 467, 471, 476
Burrows, J. F., 682, 684, 692
Busa, Roberto, 676
Bush, Vannevar, 109
Business education: and library and information science, 284, 353
Butler, C. S., 681, 692

C

CAI. *See* Computer-assisted instruction
CAIN (Computerized AIDS Information Network), 190, 191
California Literacy Campaign, 399, 400
California Polytechnic State University, materials expenditures at, 502
Camp, J. A., 533, 534
Campbell, J. M., 640, 647
Campbell, J. R., 141, 146
Campbell, Jerry D., 448, 497, 498, 541, 545
Campbell, John D., 370
Campus Strategies for Libraries and Electronic Information, 571
Canadian special librarianship. *See* Special librarianship in Canada
Cancernet, 160
CANE Exchange, 175
CAPHIS (Consumer and Patient Health Information Section), 164
Capital costs, 429
Capital services, 431-434
Cargill, J. S., 515, 523
CARL: and *CHOICE*, 654; and online catalogs, 655
Carl-Mitchell, S., 589, 590
Carnegie, Andrew, 468
Carrigan, D. P., 491, 498
Cataloging electronic texts, 689-690
CAUSE: and the NREN, 118

CD-ROM: and electronic texts in the humanities, 678
CEC. *See* Commission of the European Communities
Cedar, T., 90, 106
Center for Electronic Texts in the Humanities (CETH), 650, 689, 690
Center for Health Promotion and Education: and the Raven Study, 167
Center for the Study of Regional Librarianship: and rural libraries, 663
Centers for Disease Control (CDC): and AIDS information, 192; and consumer health information, 156; and the Raven Study, 167
CETEDOC CD-ROM, 677
Chadha, S., 628, 636
Chadwyck-Healey: and electronic texts, 679
Challenge to Action: Planning and Evaluation Guidelines for Academic Health Sciences Libraries, 58
Chemical Abstract Services (CAS): and electronic publishing, 656
ChemID, 142
CHI. *See* Consumer health information dissemination
Chicago Public Library, Harold Washington Library, 396
CHID (Consumer Health Information Database), 166
Children's Network, 400
CHIRS, 167
Chronicle of Higher Education: and discussion of economic pressures affecting health sciences libraries, 7-8
Chute, C. G., 142, 146
Cimino, J. J., 141, 147
Cimpl, K., 92, 103
Circulation services, cost of, 426, 437, 439, 442-443, 444
CIX (Commercial Internet Exchange), 618
Clarion University: and rural libraries, 663
Clark, B. M., 543, 546
Clash of Cultures, The: Managers and Professionals, 542
Clearinghouses for health information, 157, 175
Cleaver, B. P., 610, 612, 624
Cleveland Public Library: and consumer health information, 165
Clinical alerts: and consumer health information, 176
Clinical information: and end-user searching, 94-97; and the impact of the hospital library on patient care, 99-101; importance of to patient care, 83-84; and information-seeking pattern of health professionals, 84-91; and Literature Attached to the Chart (LATCH), 93-94; and quality filtering and critical appraisal, 97-99; and the role of the clinical librarian, 92-93. *See also* AIDS information, Consumer health information dissemination, Medical information dissemination
Clinical information specialists, 351-353
Clinical library programs, 92-93
COACH, 120, 144, 145
COCOA, 684-685
Cohen, Elaine, 371, 547
Coleman, J. S., 86, 104
Collaborative and integrative skills: and information technology, 611
Collection development: in academic libraries, 495-496; in a network environment, 648-659
Collection maintenance, cost of, 426-427, 433, 437; insurance for, 567; and value maintenance, 575-576
Colorado Alliance of Research Libraries. *See* CARL
Colson, Frederick D., 323
Columbia-Presbyterian Medical Center: and IAIMS, 115, 116, 117, 210
Columbia University, School of Library Service, 228, 286-287; and law librarianship, 323
Commercial Internet Exchange (CIX), 618
Commission of the European Communities: and electronic texts in the humanities, 690
Common carrier model: and regulation of the Internet, 617

Communications: and library and information science, 285
Community Development Block Grant Funds: and public library funding, 402
CompuServe, 631, 702
Computer-Aided Acquisition and Logistics Support (CALS), 698
Computer-assisted instruction (CAI): and AIDS information, 190-191; and health sciences librarians, 52
Computer conferencing systems. *See* Electronic conferences
Computer/information integrated environment (CIE), 698
Computer science: and library and information science, 285, 314
Computer technology: effect on libraries, 449-551. *See also* Information technology and libraries
Computer-integrated manufacturing (CIM), 698, 704
Computerized AIDS Information Network (CAIN), 190, 191
Computers and the Humanities, 681
Concordances: and electronic texts in the humanities, 681-682
Concurrent engineering, 696
Conn, L. C., 77, 82
Connell, Tschera Harkness, 588, 608
Connelly, D. P., 89, 104
Consensus conferences: and consumer health information, 176
Conspectus Project (RLG), 496
Constructivist model of the learner, 610-611
Consumer health information dissemination, 3; and academic health sciences libraries, 167; benefits of improved dissemination, 156; current awareness techniques and resources for, 175-177; factors affecting, 154-161; future trends in, 171-174; and hospital libraries, 165-167; and library associations, 161-164; and library networks, 167-170; and national libraries, 164; problems in, 170-171; and public libraries, 164-165. *See also* AIDS information, Clinical information, Medical information dissemination
Consumer Health Information Database (CHID), 166
Consumer and Patient Health Information Section (CAPHIS), 164
Consumer price index: and academic library expenditures, 502, 508, 510
Continuing education: and consumer health information dissemination, 162-163; and the costs of library automation, 525; and the Internet, 619-620; in the transitional library model, 452
Continuing education for special librarians: 228, 229; in Canada, 312-313; cost of, 296; for health care professionals, 48-50, 55-56, 359; importance of, 290-291; in law libraries, 325; library managers' role, 295-296; Special Libraries Association's role, 228, 294-297, 312-313, 325
Continuous quality improvement. *See* CQI
Cooper, J. A. D., 29, 43, 66, 81, 114, 125
Cooper, John, 47
Cooperative Cataloging Council (CCC), 621-622
Cooperative collection development: and academic libraries, 495-496; and network resources, 651
Copyright: and electronic texts in the humanities, 681
COQ (cost of quality): and health care administration, 76
Corcoran-Perry, S., 90, 104
Cornell University: document delivery service at, 204; end-user searching at the Medical Center, 95
Corporate librarianship in the business sector: crisis in, 232-233; education for, 227, 243-248; and the history of financial management, 233-235; and electronic information industry developments, 235-239; professional skills needed in, 239-243
Corporate librarianship in technical industries: educational roles for industrial librarians, 254-256; and evaluation of library school graduates, 251-252; and expectations

about library school graduate competencies, 252-254; and recruitment of library school graduates, 250-252
Corporate libraries, characteristics of, 280, 291, 299-300
Corporate Library Excellence, 75, 295, 296, 297, 303
Cost centers and libraries, 572-573
Cost-finding methodology: purpose of, 421-422
Cost of quality. *See* COQ
Cost recovery and libraries, 571-572
COSTAR (Computer Stored Ambulatory Record) sites, 131-132
Costs, types of, 429-434
Council on Library Resources: and expected competencies of librarians, 26; and funding of the MLA's Knowledge and Skills Task Force Survey, 27
Covell, D. G., 86, 89, 104
CQI (continuous quality improvement): and health care administration, 70, 100; and health sciences librarians, 56
Creth, S., 29, 43
Critical incident technique: and evaluation of networked information services, 596-597
Critical thinking skills: and information technology, 611
Cronin, Blaise, 227, 257
Culnan, Mary, 292, 303
Cummins, T. R., 543, 544, 545
Currie, L., 87, 104
Curry, L., 87, 104

D

Dahlen, Karen Hackleman, 3, 152
Dalhousie University (Halifax, Nova Scotia): School of Library and Information Studies, 305, 306, 307, 315
Dalrymple, Prudence W., 1
Darling, Louise, 109, 124
DaRosa, D. A., 51, 59
Dartmouth Dante Project, 642, 679
Data-collection techniques, 595-601
Davidoff, F., 99, 106
Day, Dorothy, 227, 257
Debons, Anthony, 27, 43
Delphi Inc.: and AIDS information, 191
Deming, W. Edwards, 405-406
Department of Defense: and the Aerospace Knowledge Diffusion Project, 698; and the CALS system, 698
Dern, D. P., 590
Detlefsen, Ellen Gay, 229-230, 342, 349, 363
Dewey, Barbara I., 371, 537
Diagnostic and Statistical Manual of Mental Disorders, 131
DIALOG: Knowledge Index, 94
Dictionary of AIDS-Related Terminology, 189
Dillman, D. A., 615, 624, 663, 673
Dillon, M., 621, 624, 628, 636
Dinham, S. M., 618, 624
Direct costs, 430
Directory of Electronic Journals, 644
Directory of Electronic Journals, Newsletters and Academic Discussion Lists, 644
Directory of Scholarly Electronic Conferences, 644
DIRLINE, 160
Distance learning, 493
Divine Comedy, The: electronic version of, 679
Dixon, Jeanne, 646
DOCLINE, 11, 12, 13, 112, 121
Doctor, R. D., 662, 673
Document delivery services: budgeting for, 496; competitive strategies for, 203-204; and health sciences libraries, 11-12; and networks, 649
Document image processing (DIP), 207
Document type definition (DTD), 685, 686, 687
Dow, Ronald F., 370, 460
Drucker, P. F., 198, 218
Due, K. M., 65, 82
Dumaine, Brian, 521, 522, 523
Dunn, John A., Jr., 371, 564
Durrance, J., 469, 476
Dykstra, Mary, 307

E

Early Christian Latin, 677

EARS (Electronic Access to Reference Services), 11
East Central AIDS Education and Training Center: and AIDS information, 190
Eaton, Andrew, 469, 476
EBSCO: and journal prices, 504
Eccles Health Sciences Library, University of Utah: and IAIMS, 210
EDI (Electronic data interchange), 696
Education for corporate librarianship: in Canada, 304-318; and the emerging market for information professionals, 257-276; and the financial industry, 232-248; and formal and continuing education for excellence, 290-303; and information management, 277-289; and law libraries, 319-341; and medical libraries, 342-364; and technical industries, 249-256
EDUCOM: and the NREN, 118
Egan, B. L., 667, 668, 673
Elder, S. D., 473, 474, 477
Elder Care News, 175
Elderly, health information for, 159-160
Electronic Access to Reference Services (EARS), 11
Electronic bulletin boards: use by aerospace engineers, 697, 703
Electronic conferences: and collaborative research and publishing efforts, 639; and evaluating information, 645; and reference service, 641; use by aerospace engineers, 697, 698, 703
Electronic data interchange (EDI), 696
Electronic formats: effect on libraries, 414, 482, 485-487
Electronic journals: and academic libraries, 494, 639; and dissemination of biomedical information, 121-123; use by aerospace engineers, 703
Electronic mail: use by special librarians, 630; use by aerospace engineers, 697, 703
Electronic publishing: effect on collection development, 650, 656-657; and health sciences libraries, 12-13
Electronic texts in the humanities: creation of, 680-681; cataloging of, 689-690; definition of, 677; documenting of, 688-689; effect on collection development, 650; markup for, 683-687; retrieval software for, 690-691; status of, 677-680; uses of, 681-683
Electronics costs and libraries, 570-571
Ellis, L. B. M., 53, 59
Elsevier Science Publishing Group: The Universities Licensing Project (TULIP), 12-13, 656
Elwood, Paul, 158
Embedding content: and the Internet, 609
Employment market for information professionals, research on: 227-228, 257-276
Encyclopaedia Society, 586
End-user, definition of, 375
End-user searching: and health professionals, 92, 94-97
Engineers: computer use by, 696-697. *See also* Aerospace engineering network use study
Enhanced operating budget, 430-434
Enterprise, definition of, 375
Epstein, Susan Baerg, 529, 534
Equipment costs: and facilities planning, 548
Equipment and value maintenance, 576
Erasmus University (The Netherlands): and medical informatics, 50
Estrada, S., 589, 590
E.T.C.s (Regional AIDS Education and Training Centers): and AIDS information, 184
Eudemian Ethics, 682
Evaluation of electronic information resources, 644-645. *See also* User-based evaluation of networked information services

Evolving Role of the Health Sciences Library in Continuing Education, The, 91
Ewing, P., 138, 146
Expenditure budget, 428-429
Expert Systems Program, 19

F

Facilities planning: and the costs of library automation, 525; and interior architecture concerns, 549-555; and lighting, 556; and the planning process, 556-563
Facilities and value maintenance, 575
Facsimile technology: and rural information access, 668
Falk, B., 589, 590
Family Doctor, The, 161
Faxon: INFOSERV online service, 653; and journal prices, 504
FDA (Food and Drug Administration): and consumer health information, 156, 160
FDA Consumer, 158
FDA's Bulletin Board, 176
Federalist Papers, 682
Fee-based library services, 414, 481
File Papers, 161
File transfer: use by aerospace engineers, 703
Financial management: in corporate libraries, 233-237, 240-241
Financial technologies and libraries, 414
Finger, A. L., 666, 675
Finley, Elizabeth, 320
Fiscal and Business Officers Discussion Group (ALA), 415, 416
Fiscal empowerment: and the transitional library model, 455-456
Fischler, B. F., 471, 476
Fisher, William, 228, 290, 297, 303
Fixed costs, 429
Fletcher, S. W., 87, 104
Florance, Valerie, 3, 196
Focus groups: and evaluation of networked information services, 596
FOG CITY Bulletin Board System, 190
Fogel, Earl, 646
Food and Drug Administration. *See* FDA
Food and Nutrition Center (FNIC): and consumer health information, 160, 164
Foster, E. C., 64, 74, 79, 82
Foundations of Education for Librarianship, The, 475
Franklin, Benjamin, 468
Franklin, Carl, 588, 608, 610-611, 624
Friedlander, J., 85, 104
Friedman, B., 612, 624
Friedman, C., 141, 142, 147
Friesen, P. H., 462, 464, 465-466
Fu, L. S., 145, 147
Fuller, S. S., 210, 218
Fund-raising and libraries, 370, 414-415, 467-477, 526
Fund-Raising and Public Relations: A Critical Analysis, 475

G

Gaddis, D., 526, 534
Gaelic-L@IRLEARN, 641
GaIN (Georgia Interactive Network for Medical Information), 57
GAIN (Global Access Information Network): and rural information access, 669
Galvin, T. J., 349, 363
Gardner, J., 589, 590
Gay and Lesbian Community Service Center (Hollywood, Calif.): and AIDS information, 191
Gay Men's Health Crisis (N.Y.): and AIDS information, 183
GDB Human Genome Data Base, 204, 208-209
GenBank, 20
GenInfo, 20
Georgantzas, N. C., 29, 43
Georgetown Catalog of Projects in Electronic Texts, 677
Georgetown Strategic Visions Discussion Group: and values desirable for library professionals, 544
Georgetown University: and IAIMS, 11, 117, 210
Georgia Interactive Network for Medical Information (GaIN), 57
Gesner, Konrad, 585
Getz, M., 543, 545
Gifford, B. R., 6, 23
Gilster, P., 589, 590
Ginn, David S., 3, 180

Global Access Information Network (GAIN): and rural information access, 669
Global Jewish Database, 677, 678
Gluck, E. H., 99, 107
Gopher, 620, 631, 635, 643, 647, 657
Gorka, G., 617, 624
Goudy, Frank W., 491, 493, 498
Government regulation: and the Internet, 616-618
GPEP Report. *See* Physicians for the Twenty-First Century
Graduate Education Position Statement, 28, 293, 299-302, 311, 332
Grand Terrace City Hall, 397-398
GRATEFUL MED, 9, 12, 18, 52, 75, 94, 95-96, 97, 113, 144, 176
Graves, J., 90, 104
Green, L. W., 153, 178
Greenaway, Emerson, 514
Greenaway Plan, 514
Greenblatt, E., 184, 194
Greene, N. M., 102, 104
Greenes, R. H., 356, 364
Gregorian, Vartan, 468, 476
Griffiths, J. M., 29, 43
Group process surveys: and evaluation of networked information services, 598-599
Growth costs and libraries, 568-570
Grumman Aerospace, computing applications at, 698
Gruppen, L. D., 91, 93, 104
Gupta, Y. P., 528, 534

H

Hahn, H., 589, 590
Hall, K., 697, 727
Halsted, D. D., 99, 104
Hambleton, Jim, 328-329, 341
Hannigan, G. G., 53, 59
Harders, F., 29, 43
Hardie, E. T. L., 589, 590
Harlan, W. R., 88, 107
Harley E. French Library of the Health Sciences (Grand Forks, N.D.): and consumer health information, 167
Harmon, G., 92, 104
Harold Washington Library (Chicago, Ill.), 396
Harvard, John, 468
Harvard Medical Letter, 175
Harvard Medical School: and AIDS information, 192; and medical informatics, 354
Harvard University: and the Perseus project, 683
Hayes, Sherman, 370, 404
Haynes, R. B., 95, 104
Hazelton, Penny A., 229, 319
HCFA (Health Care Financing Administration), 69
Health care administration and library services, 2; communicating the library's role, 72-75; and the health care industry, 66-70; and hospital libraries, 63-66, 70-72; future trends, 77-79
Health Care Financing Administration (HCFA), 69
Health care industry: economics of, 66-67, 155; and the quality of health care, 67-68, 70; shifting power structure within, 67; and standards for hospital libraries, 68-70
Health Crisis Network (Miami, Fla.): and AIDS information, 183
HEALTH database, 71
Health Index Plus, 161, 176
Health information, types of, 153-154
"Health Information Knowledge and Skills," 40-42, 358
Health information professionals, knowledge and skills needed by, 29-31, 40-42
Health Insurance Association of America: and wellness programs, 155
Health maintenance organizations (HMOs), 66
Health Periodicals Database, 161
Health Planning and Administration database (HEALTH), 71
Health Resources and Services Administration (HRSA): and AIDS information, 184; and consumer health information, 156
Health sciences librarians as educators, 2; and changing health sciences education, 46-48; and changing technology, 50; and continuing education for health care professionals, 48-50, 55-56; and

library educational programs, 51-55; and medical informatics, 50-51; new roles for, 45-46, 97; roles for hospital librarians, 55-58. *See also* Hospital librarians, Medical librarianship
Health sciences libraries, 2: economic pressures on, 7-8; effect of the information explosion on, 6, 20; effect of technology on, 6-7, 20; and IAIMS, 13-14; and integrated library systems, 10-11; interlibrary loan and document delivery systems in, 11-13; and the Lister Hill National Center for Biomedical Communications, 10, 18-19; and the National Center for Biotechnology Information (NCBI), 19-20; and the National Library of Medicine Long Range Plan, 15-17; and the National Network of Libraries of Medicine (NNLM), 16-18; and online searching, 8-10. *See also* Hospital libraries, Medical librarianship
Healthcare Informatics Telecom Network, Inc., 75
Healthnet, 167
Healthy America: Practitioners for 2005, 48
Healthy People 2000, 154, 173
Heasley, D. K., 663, 664, 674
Hennessey, J. V., 51, 60
Heskett, J. L., 198, 202, 203, 219
Hicks, Frederick, 322, 341
High Performance Computing and Communications Act, 22, 118, 591, 623, 627
Highland Branch Library (Calif.), 397
Hill, Linda L., 225
Historical societies: and public libraries, 399
HIV. *See* AIDS information
HMOs (health maintenance organizations), 66
Hockey, Susan, 588, 676, 684, 692
Holst, R., 67, 71, 78, 81
Hospital Departmental Profiles, 72
Hospital libraries: characteristics of, 64; and consumer health information, 158, 165-166, 172; economic pressures on, 65; influences on the development of, 65; and quality improvement, 76-77; roles for, 70-72; standards for, 68-70. *See also* Health sciences libraries
Hospital Library Management, 70, 71
Hospital Literature Index, 71
Houdek, Frank, 321, 341
H.R. 1757, 623
H.R. 2639, 623
H.R. 2772, 623, 627
HRSA. *See* Health Resources and Services Administration
Huber, J. T., 189, 194
Hudson, H. E., 667, 674
Huff, S. M., 142, 147
Human Genome Mapping project, 642
Human resources program. *See* Personnel costs in libraries
Humanities Computing Yearbook 1989-90: A Comprehensive Guide to Software and Other Resources, The, 677
Humphreys, B. L., 128, 129, 139, 144, 147, 148
Hunter, B., 613, 618, 624
Hunter, K., 528, 534
Hurt, C. S., 123, 126
Huth, E. J., 89, 103, 105
H.W. Wilson Symposium on the Future of Public Libraries: and rural libraries, 663
Hypertext: and electronic texts in the humanities, 682
HYTELNET, 621, 631, 643, 647

I

IAIMS (Integrated Academic Information Management Systems), 13-15, 50-51, 65, 66, 98, 113-117, 209-210, 355
Ikeda, N. R., 52, 60
ILS. *See* Integrated library systems
Improving Health Professionals Access to Information, 17
In-house programs, cost of, 427, 439-440, 445
In-kind contributions, 430-431
Index Medicus, 52
Index Thomisticus, 676

Indiana University School of Library and Information Science: and the emergent market for information professionals, 259, 261, 267-268, 274
Indirect costs, 430
Industrial library managers. *See* Corporate librarianship in technical industries
Industrial Technical Information Managers Group (ITIMG): and library schools, 251, 254
Industry-University Partnership, 251
Inflation Measures for Schools and Colleges: 1993 Update, 500
Information industry: developments in, 235-237
Information Infrastructure Task Force (IITF), 623
Information literacy, 610
Information management education, 228; and changing technology, 278-279; and the growth of information industry employment, 281-282; and the growth of special library and corporate employment, 280-281; and library and information science education, 287-289; and the mobility of information professionals, 282-284; relationship with business education, 284; relationship with communications, journalism, and media, 285; relationship with computer science, 285
Information Power: Guidelines for School Library Media Programs, 613
Information resource management (IRM): and development of the information utility, 379-384; and integrating the library into the information utility, 385-390; and needs of the knowledge worker, 384-385; and organizational environments, 377-379; vocabulary of, 375-377
Information resources budget: and the academic library, 490-498
Information services professional, definition of, 376
Information skills hierarchy model: and Internet resources, 640-646
Information Sources Map (UMLS), 19, 139-140
Information Stat: Rx for Hospital Quality, 100
Information technology and libraries, 377-379, 494; and the changing role of the information professional, 626-627
Information utility, definition of, 376
Information utility model, 370; benefits of, 387-389; examples of, 381-383; implementation in the library, 385-390; purpose of, 380-381; and the role of the chief information officer, 381-382; and the role of personnel, 382-384
Informed consent: and consumer health information, 157-158
INFOSERV online service, 653
InfoTrac, 161
Institut für Deutsche Sprache (Mannheim): and electronic texts in the humanities, 677
Institute for Research in Social Science's Public Opinion Item Index, 642
Integrated Academic Information Management Systems. *See* IAIMS, 98
Integrated Advanced Information Management System. *See* IAIMS
Integrated Library System, 65
Integrated library systems (ILS): and health sciences libraries, 10-11
Interactive Query Workstation, 145
Interior architecture: and collection formats, 551-552; and electronic equipment, 552-553; and furniture costs, 561-562; and library services, 550-551; and space layout, 549-550, 554-555
Interior designers: and the facilities planning process, 560
Interlibrary loan (ILL): and consumer health information, 172; cost of, 426, 437, 439, 440-441, 442, 443, 444, 543; and health sciences libraries, 11-13; and the National Network of Libraries of Medicine (NNLM), 112, 121; and OPACs, 649. *See also* Document delivery services

Intermediary searching: and health professionals, 94
International Classification of Diseases, 9th Edition, Clinical Modifications, 132
Internet: barriers to use of, 620; and consumer health information, 160; cost of, 480, 482, 486; and education of educators and librarians, 618-620; and educational challenges, 613; effect on educators and librarians, 608-609; and electronic journals in the health sciences, 12-13; and embedding content, 609; and equal access to information, 614-616; and information literacy, 610; and privatization issues, 616-618; and scholarly communication, 492, 495, 496; and technological content, 609; use by aerospace engineers, 702
Internet Research: Electronic Networking Applications and Policy, 587
Internet Resource Guide, 627
Internships: and education for corporate librarians, 254-255
InterStudy, 158
Interviews: and evaluation of networked information services, 598
Invisible colleges: and electronic networks, 642
Iowa State University: technical services costs at, 543
IRM. *See* Information resource management
Istituto de Linguistica Computazione (Pisa): and electronic texts in the humanities, 677
ITIMG (Industrial Technical Information Managers Group): and library schools, 251, 254

J

Jackson, M. E., 628, 636
JCAHO (Joint Commission on Accreditation of Healthcare Organizations): and hospital library services, 68-70, 74
Johns Hopkins University. *See* Applied Physics Laboratory Library, Welch Library
Johnson, P., 651, 659
Joint Commission on Accreditation of Healthcare Organizations. *See* JCAHO
Jones, Chris, 56, 60
Jones, Christane, 100
Journalism: and library and information science, 285
Juergens, B., 528, 535
Jughead, 635

K

Kacena, Carolyn, 371, 524
Kaiser, Leland, 77, 81
Kaiser-Permanente Medical Center (Oakland, Calif.): and consumer health information, 169
Kalin, S. W., 628, 636
Kascus, M., 493, 498
Kassirer, J. P., 90, 105
Katz, H., 86, 104
Kehoe, B. P., 589, 590, 627, 636
Kelly, K. S. M., 475, 477
Kenny, A., 682, 692
Kent State University: and Internet resources, 644
Kesner, Richard M., 370, 373
King, D. W., 29, 43, 99, 105
Kirby, C. L., 530, 535
Kirkpatrick, S., 589, 590
Klein, M. S., 66, 81
Kling, R., 698, 727
Knowledge, definition of, 376
Knowledge Index (Dialog), 9, 94
Knowledge management, 541
Knowledge and Skills Task Force Survey: methods, 31-33; objective of, 31; results analysis, 33-37
Knowledge Sources (UMLS), 19, 120, 121
Knowledge work, 196-197
Knowledge worker, definition of, 375, 376; needs of, 384-385
Kochtanek, T. R., 628, 636
Koenig, Michael E. D., 228, 277
Kohl, David F., 496, 498
Koughan, W. P., 68, 69, 74, 76, 81
Kovacs, Diane K., 588, 638, 646
Kristofco, R. E., 56, 60
Krol, E., 589, 590, 627, 636
Kumari, L., 185, 195

L

Ladner, S. J., 628, 637
Lamb, Gertrude, 92
Langner, M. C., 71, 81
LaRose, R., 665, 674
Larsen, R. L., 628, 636
LATCH (Literature Attached to the Chart), 55, 91, 93-94
Lauterbach, D., 664, 674
Law librarianship, 229; *AALL Guidelines for Graduate Programs in Law Librarianship*, 326-330, 338-340; competencies of private sector law librarians, 330-332; continuing education for, 325; future of, 332-336; history of, 319-322; history of education for, 322-326
Leape, L. L., 100, 102, 105
Learner, models of, 610-611
Leist, J. C., 56, 60
Leonard, Barbara G., 371, 490
Lester, J., 28, 44
Leysen, J. M., 90, 106
Library administration, cost of, 427, 437-438
Library Administration & Management, 415
Library Administration and Management Association (LAMA), 415, 471
Library and Information Services, 74
Library automation: benefits of, 527-528; cost of, 371, 480-482, 530-533; impact on academic libraries, 524-527, 528-530
Library budgets: and changing material formats, 485-487; and dealers and vendors, 483-484; effects of automation on, 480-482; and the library's changing role, 482-483; and personnel considerations, 487-488
Library of Congress: and Resources for the Blind and Physically Handicapped, 164, 173
Library price index: and academic library expenditures, 502, 508, 510
Library Service to Special Populations (ALA): and consumer health information, 161
Library Services Act, 468
Library Services and Construction Act, 469
Library's Contribution to Quality: The Bottom Line, The, 75
LIBS, 643, 647
Lifelong learning. *See* Continuing education, Continuing education for special librarians
LINCNET System, 669
Lindberg, D. A. B., 118, 128, 129, 130, 144, 147, 148
Line-item budget, 428
Lipow, A. G., 627, 637
LIS, 11
LIS System, 207, 208
Lister Hill National Center for Biomedical Communications (LHNCBC): 2, 10, 13, 18-19
Literacy programs: and public libraries, 398-399
Literary and Linguistic Computing, 681
Literature Attached to the Chart (LATCH), 55, 91, 93-94
Living Encyclopedia, 586
LOANSOME DOC, 12, 18, 97, 113
Local area networks (LANs), 117
Locke C., 207, 218
Logsdon, R. H., 72, 81
Loma Linda Civic Center, 397
Los Angeles Public Library, 396
Louis Harris and Associates: and information-seeking patterns of health professionals, 87
Lowry, Charles, 491, 498
LSD Hospital, University of Utah: and UMLS, 142
Lucier, R. E., 541, 546
Lucker, Jay, 480
Lynch, C. A., 628, 637

M

Macfarlane, Judy, 228-229, 304
MacKinnon, D., 628, 637
Malinconico, S. M., 528, 535, 628, 637
Maloni, K., 589, 590
Management of electronic information resources, 645-646
Mann, T., Jr., 529, 535
Manning, P. R., 99, 105
MARC: and electronic formats, 621
Marginal costs, 430
Marin County Library, 396

Marine, A., 589, 590
Markup: and electronic texts in the humanities, 683-685. *See also* SGML
Marshall, Joanne G., 2, 75, 81, 83, 92, 95, 99, 100, 105 170, 178
Martin, Murray S., 369, 371, 491, 498, 564
MaryMED, 9
Master of Business Administration (MBA): and librarians, 416
Master of Library Science (MLS): and education for corporate librarianship, 267-268, 273, 291-292
Masys, D. R., 139, 140, 148
Matarazzo, James M., 75, 81, 228, 290, 291, 292, 295, 296, 297, 303
Matheson, Nina W., 3, 29, 43, 66, 81, 114, 125, 196
Mayada, T. A., 85, 105
Mayfield, M. Kent, 2, 25, 30, 43
Mayo Clinic Health Letter, 175
McClure, Charles R., 587, 591, 628, 637, 664, 674
McCook, K., 664, 674
McDaniel, Julie A., 588, 638
McGill University (Montreal, Quebec): Graduate School of Library and Information Studies, 305, 306, 315, 316-317
McMaster University, School of Medicine: and medical librarianship, 351
Medicaid, 69, 155
Medical Data Exchange (MDX), 161
Medical Education in the Information Age, 29, 47-48
Medical informatics: academic models of, 354; career paths in, 356-357; definition of, 354; funding of, 355; graduate program curricula in, 356; and health sciences education, 47, 48; and health sciences libraries, 50-51; journals of, 355; short courses on, 356
Medical information dissemination, 3; and the electronic journal, 121-123; and IAIMS, 113-117; and a model of biomedical communication, 110-111; and the National Network of Libraries of Medicine, 111-113; and the National Research and Education Network (NREN), 117-119; and UMLS, 119-121. *See also* AIDS information, Clinical information, Consumer health information dissemination
Medical Information System (MIS), 49
Medical Information System via Telephone (MIST), 49
Medical librarianship, 229-230; administrative support roles, 353; clinical information specialists, 351-353; continuing education for, 359; doctoral research in, 345-348; effect of changing medical education on, 350-351; employment sites for medical librarians, 342-343; expected competencies, 29-31, 40-42, 358; medical informatics, 354-357; present educational practice, 344-345; reformation of medical library education, 357-360; success factors for health sciences information education, 349-350. *See also* Health sciences librarians as educators, Health sciences libraries, Hospital libraries
Medical Library Assistance Act (MLAA), 111, 112
Medical Library Association (MLA): Ad Hoc Committee on Professional Development, 30; and consumer health information, 161, 162-163, 164; and hospital libraries, 64; and the Knowledge and Skills Task Force Survey, 2, 31-42; and *The Library's Contribution to Quality: The Bottom Line,* 75; *Platform for Change: The Educational Policy Statement of the Medical Library Association,* 357, 358, 359, 360; role in the education of health sciences information professionals, 26-27, 30-31; and standards for hospital libraries, 68
Medical Subject Headings (MeSH): and AIDS information, 187-188; use in UMLS, 119, 131, 132, 133, 134, 140, 143
Medical Trends for Older Adults, 175

Medicare, 67, 69, 155
Medicare Provider Reimbursement Manual, 155, 173
MEDINFO, 167
MEDLARS, 9, 207
MEDLEARN, 94
MEDLINE: and AIDS information, 188, 189; and consumer health information dissemination, 176; effect on health sciences libraries, 6-7, 8-10; and end-user searching, 94, 96, 97; and the Georgia Interactive Network for Medical Information, 57; and health sciences librarians, 199; and hospital libraries, 65; Medline Button, 145; Mini-MEDLINE, 9, 207; and the National Network of Libraries of Medicine (NNLM), 16-17; and UMLS, 135, 144, 145; use by medical students, 51
MEDLINE and Beyond: Survival Skills for Information Management, 205
MEDNET: and rural information access, 669
MELVYL, 655
Memex, 109
Mendelian Inheritance in Man, 209
Menzel, H., 85, 86, 102, 104, 105, 106
Merck Manual, 161
Merz, R. B., 135, 149
Messerle, J., 30, 43, 67, 81
MetaCard, 145
Metathesaurus (UMLS), 19, 120, 121; building of, 132-134; evaluation of, 141-142; future developments for, 142-143; purpose of, 131-132; use data in, 134-135
Mettler, J., 665, 674
Metz, Paul, 491
Micro-OCP, 678, 685, 691
Miller, D., 462, 464, 465-466
Miller, P. L., 135, 140, 145, 149, 150
MIS (Medical Information System), 49
MIST (Medical Information System via Telephone), 49
Mitchell, B. J., 543, 546
Mitchell, M., 650, 659
MLA. *See* Medical Library Association
MLAA (Medical Library Assistance Act), 111, 112
Moen, W. E., 628, 637, 664, 674
Molholm, K. N., 698, 728
Monograph expenditures: in academic libraries, 504-506, 511
Monterey County (Calif.): and cost analysis study at public libraries, 422, 425-427, 434-445
Morris, D. E., 543, 546
Mosaic, 589, 622
Mosco, V., 616, 624
Mosteller, F., 682, 692
Mueller, D. A., 86, 90, 107
Mulder, C. A., 640, 647
Mumma, P. S., 665, 674
MURL (Metropolitan Urban Resource Libraries) grants: and public library funding, 402
Myller, L., 516, 523

N

NAIC (National AIDS Information Clearinghouse), 175, 192, 193
NASA (National Aeronautics and Space Administration): and the Aerospace Knowledge Diffusion Project, 698
National Agricultural Library (NAL): and consumer health information, 164; and rural libraries, 663
National AIDS Information Clearinghouse (NAIC), 175, 192, 193
National Biomedical Serials Holdings Database. *See* SERHOLD
National Cancer Institute: and consumer health information, 160, 175
National Center for Biotechnology Information (NCBI), 19-20
National Center for Health Statistics (NCHS): and consumer health information, 176-177
National Commission on Libraries and Information Science: and rural information access, 666
National Coordination Office for High Performance Computing, 118
National Council on Aging (NCOA), 160
National Health Interview Survey, 177

National Information Infrastructure (NII), 623, 666, 670, 695, 715
National Information Infrastructure: Agenda for Action, 591, 615, 623
National Institute of Aging (NIA), 160
National Institutes of Health (NIH): and consumer health information, 156
National Library Act, 402
National Library of Medicine (NLM), 2; and AI/COAG, 98; and AI/RHEUM, 98; and *AIDS Bibliographies*, 185; and AIDSLINE, 186; and *The Basics of Searching MEDLINE*, 94; and the COACH expert system, 120; and consumer health information, 160, 173; and DBIR, 164; and DIRLINE, 164, 176; and funding of medical librarian education and research, 355, 359; and GRATEFUL MED, 96-97; and the High Performance Computing and Communications (HPCC) Program, 118; and IAIMS, 13, 50-51, 66, 98; and *Information Stat: Rx for Hospital Quality*, 100; and integrated library systems, 10-11; and interlibrary loan, 11-13; and the Lister Hill National Center for Biomedical Communications, 18-19; and the National Center for Biotechnology Information (NCBI), 19-20; and the National Network of Libraries of Medicine (NNLM), 16-17, 65; and the NLM Long Range Plan, 15-16, 29, 128; Outreach Planning Panel, 113; and the UMLS, 119, 128, 129, 130, 143, 144
National Network of Libraries of Medicine (NNLM), 2; and consumer health information, 173; evolution of, 16-18; and interlibrary loan, 11-13; objectives of, 111-112; programs and services, 112-113; structure of, 112
National Newspaper Index: and consumer health information, 160, 161
National Research and Education Network (NREN), 22, 117-119, 591, 627, 638, 650, 664, 668, 695, 715
National Science Foundation: and the *Internet Resource Guide*, 627, 637; and NSFNET, 118
National Technical Information Service (NTIS): and consumer health information, 177
National Vaccine Information Center (Vienna, Va.): and consumer health information, 157
Natural Language Systems Program, 143
NCBI (National Center for Biotechnology Information), 19-20
NCHS (National Center for Health Statistics): and consumer health information, 176-177
NCOA (National Council on Aging), 160
Needs assessment: and the library's mission, 473
Nelson, S. J., 139, 145, 149
Neou, V., 589, 590
Network-based data collection: and evaluation of networked information services, 597-598
Network resources: and librarians' role, 639-646; and traditional sources, 639, 641; and user education, 641, 643
Networked information services, evaluation of, 591-607
Networking: and law libraries, 331; literature on, 627-628
Networking education in library schools, survey of, 626-637
Neufeld, V. R., 85, 92, 106
Neuman, B. C., 620, 621, 624
New Deal: and public libraries, 468
New Oxford English Dictionary, 678, 686
New York Academy of Medicine: and information-seeking patterns of health professionals, 87-88
New York Hospital—Cornell University Medical Center: end-user searching at, 95
New York Native, The, 185
New York State Library School (Albany): and law librarianship, 323
Newsletters: and AIDS information, 189; and consumer health information, 175

Newspapers: and consumer health information, 160-161, 175
NIA (National Institute of Aging), 160
Nickerson, G., 628, 637
Nicomachean Ethics, 682
Nielsen, B., 571, 578
NIH. *See* National Institutes of Health
Nioga Library System (N.Y.): and consumer health information, 165
NLM. *See* National Library of Medicine
Nolan, R. L., 198, 219
Noll, Roger, 502, 513
Non-Tax Sources of Revenue for Public Libraries, 471
North Carolina Information Network, 669-670
Northeast Regional Center for Rural Development: and rural libraries, 663
Northrup, D. E., 86, 106
Northwestern National Life Insurance Co.: and health care initiatives, 155
Northwestern University, microcomputer instruction at, 53
Notess, G., 628, 637
NOTIS: and online approval systems, 654
Novack, D., 296, 303
Novice-to-expert model of the learner, 610
NREN. *See* National Research and Education Network
NTIS Bibliographic Database: and consumer health information, 177

O

Oakley, Robert, 328, 341
Ober, J., 627, 637
Oberg, L., 544, 546
Observation techniques: and evaluation of networked information services, 600
Occupational Outlook Handbook 1990-1992, The, 259, 275
OCLC: cost of, 480, 483, 484; effect on health sciences libraries, 10; and *The Online Journal of Current Clinical Trials,* 122
OCLC Union List Subsystem, 12
OCTANET, 12
Oddan, L., 65, 82
Office of Disease Prevention and Health Promotion (ODPHP), 154, 156, 176
Office of Technology Assessment (U.S. Congress): and rural information access, 666-667
Ogden, John E., 371, 499
Ohio State University: and health sciences education, 54
OhioLINK, 496, 655
OMIM (Online Mendelian Inheritance in Man), 204, 208-209
Online Journal of Current Clinical Trials, The, 13, 97, 122
Online Mendelian Inheritance in Man (OMIM), 204, 208-209
Online public access catalogs (OPACs): and facilities planning, 548; and collection development, 655; use by aerospace engineers, 703
Online searching: and health sciences libraries, 8-10
Onondaga County Public Library (N.Y.): and consumer health information, 165
Ontario public libraries: and consumer health information, 170-171
OPACs. *See* Online public access catalogs
Open Systems Interconnection Standard, 134
Operating budget. *See* Enhanced operating budget
Operating costs in libraries, 429
Optical character recognition (OCR), 680-681
Osheroff, J. E., 89, 102, 106
Outreach Planning Panel (NLM), 113
Overlook Hospital (Summit, N.J.): and consumer health information, 166
Oxford Concordance Program (OCP), 678, 685
Oxford Text Archive (OTA), 678

P

Packard Humanities Institute (PHI): and Classical Latin electronic texts, 678

Packer, D., 491, 498
PACS-L, 122
Page, M., 628, 637
Panel of the General Professional Education of the Physician (GPEP) and College Preparation for Medicine. *See Physicians for the Twenty-First Century*
Pantell, R. H., 88, 97, 103
Paperchase, 9, 94
Parboosingh, J., 87, 106
Paris, Marion, 230, 231
Parker, E. B., 667, 674
Pasadena Public Library (Calif.), 401
Pastine, Maureen, 371, 524
PAT, 691
Patrologia Latina, 679
PDQ (Physician's Data Query): and consumer health information, 160, 172, 176
PDR (Physicians' Desk Reference), 161
Pelzer, N. L., 90, 106
Pennsylvania AIDS Education and Training Center, 184
Perry, C. A., 98, 106
Perseus, 682-683
Personnel costs in libraries, 317, 487-488, 537-546
Peterborough Town Library (N.H.), 468
Pew Commission: and health sciences education, 48
Phelps, D., 543, 545
PHILSOM (Periodical Holdings in Libraries of Schools of Medicine), 207
Physicians' Current Procedural Terminology, 132
Physician's Data Query (PDQ): and consumer health information, 160, 172, 176
Physicians for the Twenty-First Century, 10, 29, 47, 53
Pittsburgh AIDS Task Force: and AIDS information, 188
Pizer, Irwin, 207
P.L. 102-194, 591
Planetree Health Resource Center (Calif.): and consumer health information, 166-167
Platform for Change: The Educational Policy Statement of the Medical Library Association, 2, 27, 40-42, 357, 358, 359, 360
Poisson, E. H., 95, 106
Policy Statement on Graduate Education. See Graduate Education Position Statement
Polly, J. A., 628, 637
Poole, C., 74, 80
Position Statement on Graduate Education. See Graduate Education Position Statement
Powsner, S. M., 145, 150
PPOs (preferred provider organizations), 66
PPS (prospective payment system), 67
Prabha, Chandra, 371, 499
Practical Approval Plan Management, 515
Prahalad, C. K., 521, 522, 523
Pratt, Enoch, 468
Preferred provider organizations (PPOs), 66
PREPS (Professional Recruitment, Ethics and Professional Standards) Commission, 293-294, 308, 311-312, 313
Presidential Study Commission. *See* PREPS Commission
Preston, C. M., 628, 637
Prevention Report, 154, 175
Price, D. J. de S., 6, 24
Price, Jack A., 227, 249
Price, Miles O., 323
Principles of Ambulatory Medicine (PAM), 204
Print model: and regulation of the Internet, 617
Privatization of the Internet, 616-618
Problem-based learning (PBL): and health sciences education, 47, 48, 54, 350-351
Problem-solving: and education for corporate librarianship, 245-246
Prodigy, 631
Productivity in libraries, 201-202
Professional development for special librarians. *See* Continuing education for special librarians
Professional Recruitment, Ethics and Professional Standards (PREPS) Commission, 293-294, 308, 311-312, 313

Program budget: description of, 428; development of, 434-440; and output measures analysis, 440-445
Project Enlighten, 650
Project GAIN (Global Access Information Network): and rural information access, 669
Project Gutenberg, 650
Project Inform (San Francisco): and AIDS information, 190
Prospective payment system (PPS), 67
Prospero, 621
Protti, D. J., 29, 43
Psychtopix, 145
Public-Access Computer Systems Review, The, 122
Public Health Service (PHS), 152, 156, 175
Public libraries: and approval plans, 518; as community centers, 370, 395-403; and consumer health information, 164-165, 172; and fee-based services, 481; fund-raising in, 471; history of, 468-469; influences on, 469; and the Internet, 614, 628
Public relations: and fund-raising in libraries, 475
Public space in libraries, cost of, 427, 432
Putnam, R. W., 87, 104

Q

Q & A (Questions & Answers) system, 135
Quality filtering and critical appraisal of literature: and health professionals, 92, 97
Quarterman, J. S., 589, 590

R

Rachowitz, B. I., 698, 728
Raelin, J. A., 542, 546
Raising Money for Academic and Research Libraries, 468
Rankin, Jocelyn A., 2, 45
Raven Study: and consumer health information, 167-170, 173
RBRVS (resource-based relative-value scale), 67
RECBIR (Regional Coordination of Biomedical Information Resources), 113
Rees, Alan, 164
Reference services: competitive strategies for, 206; cost of, 425-426, 438-439, 442, 443
Reference services and the Internet, 649; and analysis of users' needs, 643; and a discipline's information structure, 642; and identifying resources, 641-642; and information evaluation, 644-645; and information management, 645-646; and information retrieval, 643-644; and the information skills hierarchy model, 640
Regional AIDS Education and Training Centers (E.T.C.s): and AIDS information, 184
Regional Coordination of Biomedical Information Resources (RECBIR), 113
Regional Medical Library Network. *See* National Network of Libraries of Medicine
Remote log-in: use by aerospace engineers, 703
Rennels, G. D., 98, 106
Renner, C., 543, 546
Report from the Presidential Study Commission on Professional Recruitment, Ethics and Professional Standards. See PREPS Commission
Research and Clinical Trials database, 191
Research and development: in the for-profit sector, 461; in libraries, 370, 461-466; and the transitional library model, 453
Research Libraries Group (RLG): and ARIEL, 121-122; and the Conspectus Project, 496; and the cost of interlibrary loan, 543
Resmer, Mark, 647
Resource-based relative-value scale (RBRVS), 67
Resource sharing: and academic libraries, 495-496; cost of, 480
Resources for the Blind and Physically Handicapped, 164, 173

Responsa Project, 677
Responsibility: and information technology, 612-614
Revenue budget, 428-429
Rhode Island Hospital: and IAIMS, 66, 115
Ricking, M., 543, 546
Riverside (Calif.) City and County Public Library, 399
Roach, A. A., 99, 106
Roberts, S., 185, 195
Robinson, Barbara M., 420
Robinson, Kara, 646
Robinson, Sherman, 420
Roderer, Nancy K., 3, 108
Rogers, C. R., 45, 60
Rogers, E. M., 86, 106
Rogers, Frank B., 207
Rogers, S. J., 123, 126
Roper, Fred W., 2, 25, 30, 44
Rosary College: and networking education, 628
Rose, M. T., 589, 590
Rothenberg, L. B., 543, 546
Rural Area Networks (RANs), 667
Rural Datafication Conference, 615
Rural librarians, education of, 670-673
Rural libraries: information needs of, 663-664; and telecommunications technology access, 664-668
Rush, James E., 527-528, 529, 535
Rutgers Inventory of Machine-Readable Texts in the Humanities, 689
Rutten, P., 589, 590
Ryan, J., 628, 637, 664, 674

S

S. 2813, 627
SAIL (System for Automated Interlibrary Loan), 13, 18
Salasin, J., 90, 106
San Bernardino County Library, 397, 400
San Diego Public Library, 399
San Francisco AIDS Foundation: and AIDS information, 191
San Francisco General Hospital: and AIDS information, 190
San Francisco Public Library, 396
Saunders, L. M., 650, 659
Sayre, Jean Williams, 2, 45
SCAMC (Symposium on Computer Applications in Medical Care), 349, 354, 357, 360
Scenario development: and evaluation of networked information services, 599-600
Schatz, B. R., 123, 126
Schlesinger, L. A., 198, 202, 203, 219
Schloman, Barbara F., 588, 638, 640, 647
Scholarly communication: and academic libraries, 494-495; and the Internet, 586, 649, 651; effects of technology on, 467
Schoolman, Harold M., 1, 2, 4
Schwartz, D. G., 51, 52, 60
Schwartz, S. A., 51, 60
Science Since Babylon, 6
Scientific American Medicine, 161
Scott, Peter, 646
Scura, G., 99, 106
SEFAIN (Southeast Florida AIDS Information Network), 191
Selective Dissemination of Information (SDI), 518-519
Selector's workstation, 653
Self, P. C., 189, 195
Self-help groups: and consumer health information, 176
Semantic File System, 620
Semantic Network (UMLS), 19, 120, 135-138
Sengupta, I. N., 185, 195
Senkevitch, Judith J., 588, 661
SERHOLD, 12, 112
Serial expenditures: in academic libraries, 492, 503-504, 509-510, 511
SERLINE, 12
Service Providers Information Network (SPIN): and AIDS information, 192
Sewell, W., 95, 106
SGML (Standard Generalized Markup Language), 685-687
Shakespeare: electronic versions of, 642, 679
Shaping the Future, 30,
Shaughnessy, T. W., 651, 659
Shepherd, L., 185, 195
Shera, Jesse, 475, 477
Sherertz, D. D., 132, 133, 150
Sherrington, A. M., 85, 107

Shortliffe, E. H., 98, 106, 356, 364
Simmonds, C., 628, 637
Site visits: and evaluation of networked information services, 599
SLA. *See* Special Libraries Association
Smith, E., 651, 660
Smith, R. A., 586, 590
SNOMED *(Systematized Nomenclature of Medicine)*, 132
Snyder, C. A., 543, 546
Society of Automotive Engineers (SAE): and the aerospace engineering network use study, 700
Southeast Florida AIDS Information Network (SEFAIN), 191
Southwest Missouri State University: and online approval systems, 654
Special librarianship in Canada: and competencies of health information science graduates, 29; and consumer health information, 170-171; education for, 288-299, 304-318
Special libraries, characteristics of, 280, 291, 299-300; and information technology, 662
Special Libraries Association (SLA): and consumer health information, 162; and continuing education, 228, 294-297, 312-313; *Graduate Education Position Statement*, 28, 293, 299-302, 311, 332; and law librarianship, 325; and library school graduate competencies, 308, 309-312; Professional Recruitment, Ethics and Professional Standards (PREPS) Commission, 293-294, 308, 311-312, 313
SPECIALIST, 143, 144
Specialized biomedical information. *See* AIDS information
Sperzel, D. W., 132, 133, 150
SPIN (Service Providers Information Network): and AIDS information, 192
Spyers-Duran, Peter, 527, 536
Squires, Steven J., 3, 127
St. Clair, Guy, 293, 310, 311
St. George, Art, 647
St. Joseph's Hospital (Denver, Colo.): and consumer health information, 166
Standard Generalized Markup Language. *See* SGML
Standards for Accreditation of Master's Programs in Library and Information Studies, 270, 308, 310
Standards for hospital library services, 68-70
Stanford University, materials expenditures at, 502
State of Change, A: California's Ethnic Future and Libraries, 399
State Library of Maine: and rural libraries, 663
State University System (SUS) (Florida), 655
Steele, V., 473, 474, 477
Stevens, S. R., 65, 82
Stiffler, Michael, 227, 257
Stinson, E. R., 86, 90, 107
Storefront libraries, 396
Strasser, T. C., 86, 107
Strategic budgeting, 370
Strategic planning in libraries: definition of, 375, 376-377; identifying products and services, 422-425; and the library's mission, 472; and networked information services, 604-606; and personnel costs in libraries, 538; purpose of, 421
Strategic Visions Steering Committee, 540
Strategy-making activities: definition of, 461-462; in academic libraries, 464-466
Straub, D. W., 198, 219
Stritter, F. T., 618, 624
Stross, J. K., 88, 107
Study Group on MLA's Role in the Educational Process for Health Sciences Librarians, 30
Summers, E. G., 90, 107
SUNY Network, 207
Survey of Health Sciences Libraries in Hospitals, 1989: Executive Summary, 64
Surveys: and evaluation of networked information services, 601
Swan, James, 472, 477
Symposium on Computer Applications in Medical Care (SCAMC), 349, 354, 357, 360
System for Automated Interlibrary Loan (SAIL), 13, 18

System of Professions: An Essay on the Division of Expert Labor, The, 93, 103, 225-226, 231
Systematized Nomenclature of Medicine (SNOMED), 132

T

Tabula rasa model of the learner, 610
TACT, 678, 685, 691
Taylor, C. R., 89, 90, 107
Taylor, D. C., 571, 578
Taylor, Robert S., 28, 44, 230, 231
Tchobanoff, James B., 227, 249
Teamwork: and the transitional library model, 454-455
Tebbetts, D. R., 544, 546
Technical industries librarianship. *See* Corporate librarianship in technical industries
Technical services, cost of, 543
Technological content: and the Internet, 609
Technology and libraries, cost of, 415, 525, 526, 540-541. *See also* Information technology and libraries
Tees, Miriam, 228-229, 291, 292, 297, 303, 304, 308, 312, 318
TEI (Text Encoding Initiative), 686-689
Teitelbaum, S., 95, 106
Telecommunications and Information Infrastructure and Public Broadcasting Facilities Assistance Act, 623
Telecommunications technology: and rural areas, 664-668
Telephone network: and rural information access, 665, 666
Tennant, R., 627, 628, 636, 637
TeX, 685
Texas Tech: and health sciences education, 54; and the MEDNET project, 49
Texas Woman's University: and medical librarianship, 349
Text Encoding Initiative (TEI), 686-689
Text retrieval: and electronic texts in the humanities, 681-682
The Universities Licensing Program (TULIP), 13, 656
Thesaurus Biomédical Français/Anglais, 143
Thesaurus Linguae Graecae (TLG), 678, 680, 685
Tillman, H. N., 628, 637
Tornatzky, L. G., 609, 625
Total quality management (TQM): and health care administration, 56, 70, 78, 390, 392, 405-406, 456-457, 542
Trade publishers: and publisher-direct plans, 516-517
Transitional library budget, 457-458
Transitional library model, 370; description of, 451-457; reasons for, 449-451
Trésor de la Langue Française (Nancy): and electronic texts in the humanities, 677
TROFF, 685
Tufts University Diet and Nutrition Newsletter, 175
TULIP (The Universities Licensing Program), 13, 656
Tulsa City-County Library (Okla.): and the Raven Study, 169
Turkle, S., 610, 625
Tuttle, M. S., 132, 133, 150
Tyckoson, D., 527, 536

U

UMLS, 3; development of, 119-121, 129-131; Information Sources Map, 139-140; Knowledge Sources, 19, 120, 121; Metathesaurus, 120, 121, 131-135, 141-143; and the NLM, 355; projects using UMLS, 143-145; purpose of, 18-19, 98, 128-129; and semantic locality, 138-139; Semantic Network, 120, 135-138
UnCover Inc., fees for, 480
Unified Medical Language System. *See* UMLS
Universal Medical Device Nomenclature System (ECRI), 142
Universite de Montreal, Ecole de bibliotheconomie et des sciences de l'information, 305, 306, 315, 316-317
Universities Licensing Project, 13, 656
University of Alabama: and medical librarianship, 349; and MIST, 49

University of Alberta, School of Library and Information Studies, 305, 315, 316-317
University of British Columbia (Vancouver, British Columbia): School of Library, Archival and Information Studies, 305, 315, 316-317
University of Calgary: and medical informatics, 48; and MIS, 49
University of California at San Francisco: and AIDS information, 190
University of California—Los Angeles: and AIDS information, 189; and bibliographic instruction, 54
University of Connecticut Health Center Library: and consumer health information, 167
University of Houston Libraries: and *The Public-Access Computer Systems Review*, 122
University of Illinois: and medical librarianship, 349, 351
University of Illinois at Chicago: and consumer health information, 165, 167, 171
University of Illinois at Peoria, Department of Medicine: and health sciences education, 53
University of Iowa: cost studies at, 543; strategic planning at, 538-539
University of Maryland at Baltimore: and integrated library systems, 11, 14; and UMLS, 121
University of Miami, School of Medicine: and library instruction, 54
University of Missouri—Kansas City: medical education at, 48,
University of Nebraska, McGoogan Library of Medicine: and consumer health information, 167
University of New Mexico: and problem-based learning, 54
University of North Texas: and medical librarianship, 349
University of Pittsburgh: and medical librarianship, 349
University of Rochester: and MEDLINE instruction, 52
University of Southern California, document delivery service at, 204
University of Tennessee—Memphis: and teaching information skills, 54
University of Toronto: Faculty of Library and Information Science, 305, 306, 315, 316-317; and medical librarianship, 349
University of Utah, Eccles Health Sciences Library: and IAIMS, 210
University of Utah, LSD Hospital: and UMLS, 142
University of Washington: and IAIMS, 117, 210; and law librarianship, 323
University of Western Ontario: and medical librarianship, 349; School of Library and Information Science, 305, 306, 315, 316-317
University of Wisconsin—Milwaukee: and education of rural librarians, 671-673; and medical librarianship, 349
UNIX: and electronic texts in the humanities, 679
U.S. National Commission on Libraries and Information Science: and rural information access, 666
USENET, 618
User-based evaluation of networked information services: criteria for, 595; effective strategies for, 601-604; reasons for, 593-594; and strategic planning, 604-606; techniques of, 595-601. *See also* Evaluation of electronic information resources
User logs: and evaluation of networked information services, 597
User responsiveness: and the transitional library model, 453-454
Utopian Health Information Network, 168-169, 173

V

Value-Added Processes in Information Systems, 28
Value maintenance and libraries, 574-576

Valuing Corporate Libraries, 75
Van Fleet, C., 469, 476
Variable costs, 429
Vavrek, B., 663, 664, 666, 675
Veaner, A., 544, 546
Veenstra, R. J., 99, 107
Vendors: and electronic sources, 631, 653-654; and library budgets, 406-408, 483-485
Veronica, 589, 635
Veterans Administration Medical Center (Biloxi, Miss.): and clinical information delivery, 100; and continuing education of physicians through library services, 353
Virginia Polytechnic Institute and State University: and rural information access, 668
Virtual library concept, 6, 11, 22, 164, 369, 420, 650-651
Virtual Library: Visions and Realities, The, 369
Visible Human Project, 18, 19
VU-Text, 161, 176

W

Wade, J., 185, 195
Wakeley, P. J., 64, 74, 79, 80, 82
Walker, Thomas D., 585
Walker, W. D., 65, 82
Wallace, D. L., 682, 692
Ward, C., 589, 590
Warner, H. R., 142, 147
Warzala, Martin, 371, 514
Washington Post, Tuesday Health Section, 175
Washington University (St. Louis, Mo.): and integrated library systems, 11
Weinberg, A. D., 88, 107
Weise, Frieda O., 2, 5
Weissburg, C., 77, 82
Welch Library, 3; bibliographic instruction at, 205; document delivery service at, 204; and IAIMS, 209-210; reference services at, 206
WELCH workstation: databases menu, 211-213; expertise menu, 213-214; publishing menu, 216-217; tools menu, 214-216
Wellness Letter, 175
Wells, H. G., 585, 586, 589, 590
Welsch, E. K., 653, 660
West, P., 620, 625
Western Montana College: and rural information access, 669
Westin, A. F., 666, 675
Wetherbe, J. C., 198, 219
White, Herbert S., 73, 82, 230, 231, 571, 578
Wide Area Information Servers (WAIS), 620, 631, 643, 657
Wide area networks (WANs), 117-118
Wilkinson, K. P., 663, 675
Williams, Joan Frye, 528, 529, 536
Williamson, J. W., 88, 89, 107
Willner, Richard A., 227, 232, 284, 289
Willow interface, 210
Wilson, S. R., 99, 107
Wittig, Constance, 588, 626
Wolfgram, P. A., 65, 82
Wolfram, Dietmar, 588, 626, 661
Wood, E. H., 54, 61
Woodsworth, A., 28, 44, 85, 106
Woolf, S. H., 88, 107
WordCruncher, 678, 685
WordPerfect: and electronic document markup, 685
Works Progress Administration: and public libraries, 468
World brain, 585, 586
World Encyclopedia, 585
World Wide Web, 622, 657
Wos, M., 65, 82
Wright, Judith, 326
Wright State University: and OCLC cataloging, 483

Y

Yale University: and IAIMS, 117
YBP Folio (Yankee Book Peddler), 654
Young, M. N., 99, 103

Z

Zeeman, J., 628, 637
Zen and the Art of the Internet: A Beginner's Guide, 627
Zhou, Yuan, 588, 648
Zielstorff, R. D., 141, 151
Zuboff, S., 611, 612, 613, 625